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Laser light amblyopia treatment - using laser light source with
varying wavelength of visible part of spectrum
MOSCEYE DISEASE 01.02.80-SU-878497
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The method of treatment of amblyopia involves exposing the central area of the retina to strobed light.

In order to develop form vision and to eliminate meridional amblyopia, the exposure to light of the central area of the retina is performed using a laser light source with a varying wavelength of the visible part of the spectrum, and the angular dimensions of the interference bands which are in this process are changed during the treatment, beginning at a sub-threshold value. The interference bands are presented in the meridians which have lowered capacity to discriminate. Exposure to light strobing is performed for 3-5 to 7-10 cycles, and after the reduction of the angular dimensions of the interference bands the cycles are repeated. The course of treatment consists of 10-12 sessions. This method eliminates meridional amblyopia, restores central fixation and develops form vision. Bul.20/30.5.82 (2pp)
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